

**INFORMATION RECORDING MEDIUM AND DEVICE FOR RECORDING
AND REPRODUCING INFORMATION TO AND FROM INFORMATION
RECORDING MEDIUM**

Patent Number: JP2003022658
Publication date: 2003-01-24
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Requested Patent: JP2003022658
Application Number: JP20010207481 20010709
Priority Number(s):
IPC Classification: G11B27/00; G11B20/12; G11B27/10; H04N5/85; H04N5/92
EC Classification:
Equivalents:

Abstract

PROBLEM TO BE SOLVED: To solve such problems in conventional DVD-RAM that the time map information in video object management information is recorded in the form organized to one within a management information file, but when the capacity of the DVD-RAM increases, the size of the management information file including the time map information to be read at a time becomes so large as to eventually required memory capacity of a large size for the device and in addition, and that the dealing is difficult when a plurality of video elementary streams are included in the video objects.

SOLUTION: The time map information is formed for every PID in digital broadcasting and this time map information is recorded as a plurality of files/ tables. Further, the information indicating the blocks of the time map information of the streams corresponding to the respective PIDs is recorded within the video objects.

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